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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: de Jong *et al.*
Serial No.: 09/815,979
Conf. No.: 7635
Customer No.: 24961
Filed: March 22, 2001
For: **METHODS FOR DELIVERING NUCLEIC
ACID MOLECULES INTO CELLS AND
ASSESSMENT THEREOF**
Art Unit: 1636
Examiner: Sullivan, D.M.

09-24-01
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Date

Tim Chettia

TRANSMITTAL LETTER

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith are a Supplemental Information Disclosure Statement, Form PTO-1449 (4 Pages), cited references and a check in the amount of \$180 for filing in connection with the above-identified application.

The Commissioner is hereby authorized to charge the fee for the Information Disclosure Statement and any other fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By:

Stephanie L. Seidman
Registration No. 33,779

Attorney Docket No.: 24601-416

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE
WITH 37 C.F.R. §§ 1.97-1.98**

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22213-1450

Dear Sir:

Since this Supplemental Information Disclosure Statement is filed after receipt of a first Office Action on the merits for the above-captioned application, the filing fee of \$180.00 is enclosed. If no proper payment is enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1213.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Form PTO-1449 (4 pages) and the cited references are provided herewith in connection with the above-captioned application.

The documents listed on the Form PTO-1449 and supplied herewith are in the English language. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

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U.S.S.N. 09/815,979
de Jong et al.
Supplemental Information Disclosure Statement

Applicant also makes known to the Examiner the following U.S. and International applications which are commonly owned and/or have one or more inventors in common.

<u>U.S.S.N.</u>	<u>Filing Date</u>	<u>Docket No.</u>
10/428,653	05/01/03	24601-426
<u>Application No.</u>	<u>Filing Date</u>	
PCT/CA03/00645	05/01/03	

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and information and that they be made of record in the file history of the above-captioned application.

* * *

Respectfully submitted,
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By: _____
Stephanie L. Seidman
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FORM PTO-1449

SEP 22 2003

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

ATTY. DOCKET NO. 24601-416	SERIAL NO. 09/815,979	CONFIRM NO. 7635
APPLICANT de Jong et al.	CUSTOMER NO. 24961	RECEIVED SEP 29 2003
FILING DATE March 22, 2001	GROUP 1636	TECH CENTER 1600/2900

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+ Derwent English language abstract and/or English translation provided.

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A	5	3	3	4	7	6	1	08/02/94	Gebeyehu et al.	564	197	08/28/92

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

B	Albertsen et al., "Construction and characterization of a yeast artificial chromosome library containing seven haploid human genome equivalents", <i>PNAS</i> , <u>87</u> :4256-4260 (1990)
C	Alvaro-Gracia et al., "Cytokines in Chronic Inflammatory Arthritis. V. Mutual Antagonism between Interferon-Gamma and Tumor Necrosis Factor-Alpha on HLA-DR Expression, Proliferation, Collagenase Production, and Granulocyte Macrophage Colony-stimulating Factor Production by Rheumatoid Arthritis Synoviocytes", <i>J. Clin. Invest.</i> , <u>86</u> :1790-1798 (1990)
D	Aupperle et al., "NF- κ B Regulation by I κ B Kinase in Primary "Fibroblast-Like Synoviocytes", <i>J. Immunol.</i> , <u>163</u> :427-433 (1999)
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H	Dausset et al., "The CEPH YAC Library", <i>Behring Inst. Mitt.</i> , <u>91</u> :13-20 (1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: METHODS FOR DELIVERING NUCLEICACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF

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+ Derwent English language abstract and/or English translation provided.

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

I	de Jong <i>et al.</i> , "Efficient <i>in-vitro</i> transfer of a 60-Mb mammalian artificial chromosome into murine and hamster cells using cationic lipids and dendrimers", <i>Chromosome Res.</i> , <u>9</u> :475-485 (2001)
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K	Foecking <i>et al.</i> , "Powerful and versatile enhancer-promoter unit for mammalian expression vectors", <i>Gene</i> , <u>45</u> :101-105 (1986)
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M	Han <i>et al.</i> , "Development of Biomaterials for Gene Therapy", <i>Mol. Therapy</i> , <u>2</u> (4):302-317 (2000)
N	Hem <i>et al.</i> , "Saphenous vein puncture for blood sampling of the mouse, rat, hamster, gerbil, guineapig, ferret and mink", <i>Laboratory Animals</i> , <u>32</u> :364-368 (1998)
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T	Lorbach <i>et al.</i> , "Site-specific Recombination in Human Cells Catalyzed by Phage λ Integrase Mutants", <i>J. Mol. Biol.</i> , <u>296</u> :1175-1181 (2000)
U	Lowry, R., "Two-Factor ANOVA with Repeated Measures on One Factor", http://faculty.vassar.edu/lowry/anova2corr.html (2000)

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TECH CENTER 1600/2000

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	V	Luo <i>et al.</i> , "Synthetic DNA delivery systems", <i>Nature Biotechnol.</i> , <u>18</u> :33-37 (2000)
	W	Marschall <i>et al.</i> , "Transfer of YACs up to 2.3 Mb intact into human cells with polyethylenimine", <i>Gene Therapy</i> , <u>6</u> :1634-1637 (1999)
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	AC	Schedl <i>et al.</i> , "A method for the generation of YAC transgenic mice by pronuclear microinjection", <i>Nucl. Acid Res.</i> , <u>21</u> :4783-4787 (1993)
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	AF	Stocum <i>et al.</i> , "Regenerative biology: A millenial revolution", <i>Cell and Devel. Biol.</i> , <u>10</u> :433-440 (1999)
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AJ	Toye <i>et al.</i> , "A yeast artificial chromosome (YAC) library containing 10 haploid chicken genome equivalents", <i>Mammalian Genome</i> , 8:274-276 (1997)
AK	Tsonis <i>et al.</i> , "Regeneration in Vertebrates", <i>Devel. Biol.</i> , 221:273-284 (2000)
AL	Uherek <i>et al.</i> , "DNA-carrier proteins for targeted gene delivery", <i>Adv. Drug Delivery Reviews</i> , 44:153-166 (2000)
AM	Urlaub <i>et al.</i> , "Effect of Gamma Rays at the Dihydrofolate Reductase Locus: Deletions and Inversions", <i>Somatic Cell and Mol. Genetics</i> , 12(6):555-566 (1986)
AN	Wada <i>et al.</i> , "Chimeric YACs were generated at unreduced rates in conditions that suppress coligation", <i>Nucl. Acids Res.</i> , 2(9):1651-1654 (1994)
AO	Zhong <i>et al.</i> , "Zebrafish Genomic Library in Yeast Artificial Chromosomes", <i>Genomics</i> , 48:136-138 (1998)

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